



## EZ7824 Total Phosphorus Analyser, 0.05-10 mg/L TP

Продукт №: EZ7824.XXXXXXXXXX

BGN Цена: Свържете се с нас

Не е показана дата на доставка

### The full picture of Phosphorus removal: Total Phosphorus and Orthophosphate

You spend a lot of time looking at your data and your process, so you never come close to any compliance issues while managing your environmental and regulatory goals. When you choose the new EZ Series Total Phosphorus and Orthophosphate analyser from Hach, you'll get industry-leading technology with the power to measure both parameters in one analyser for a full picture of your Phosphorus removal process. Full process insight gives you the confidence to take action.

There are many additional instrument options available. Please contact Hach for more details.

#### Stay in control

Monitor your Phosphorus removal process with the reliable data and insights you need to act quickly and with confidence. Phosphorus discharge permits evolve, and the EZ Series Total Phosphorus and Orthophosphate analyser helps you quickly and accurately get both measurements to ensure permit compliance.

#### See the total picture

Be confident in your process. You employ biological treatment and/or chemical precipitation to remove Phosphate, but the ratio of effluent TP vs. ortho-PO<sub>4</sub> may vary throughout the day. The new TP/PO<sub>4</sub> analyser will get you actionable data for both parameters with one device. Continuous monitoring will enable you to detect trends. You'll always see both forms of Phosphorus in your water.

#### This isn't simple, but we'll help you simplify

Sampling for lab analysis can be time-consuming, costly, and incurs a delay, whereas continuous monitoring helps you to understand the process conditions much faster. The new combined analyser will make your day easier with features that help you save hands-on time. Cooling water is no longer needed. You'll enjoy the autocalibration, self-cleaning and automatic validation this analyser provides. Ready to use reagents and the unparalleled Hach service and support are there to help you optimise your work.

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### Спецификации

Demineralised water:	For rinsing / dilution
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Precision:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Validation:	Automatic; frequency freely programmable
Аварийен сигнал:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Аналогови изходи:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)

Бр. потоци проби:	1, 2, 4, or 8
Гаранция:	24 месеца
Граница на откриваемост:	≤ 0.05 mg/L
Дренаж:	Atmospheric pressure, vented, min. Ø 32 mm
Захранване:	230 VAC, 50/60 Hz
	120 VAC, 50/60 Hz
	Max. power consumption: 440 VA
Измерване метод:	Colorimetric measurement at 700 nm using ascorbic acid reduction and molybdate colour solution after persulphate digestion in acidic medium, conform with APHA 4500-P
Измерване, диапазон:	0.05 - 10 mg/L TP
Какво има в кутията:	EZ7824 Total Phosphorus Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets and empty Containers for Reagents with Fittings
Калибриране:	Automatic, 2-point; frequency freely programmable
Клас на защита:	Analyser cabinet: IP44 / Panel PC: IP65
Кювети за проба:	Standard measurement cycle time for TP: 30 minutes
Материал:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Околна температура:	10 - 30 °C, ± 4 °C deviation at 5 - 95% relative humidity (non-condensing)
Параметър:	Total Phosphorus (TP)
Проба, дебит:	100 - 300 mL/min
Проба, качество:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Проба: налягане:	By external overflow vessel
Размери (В x Ш x Д):	690 мм x 465 мм x 330 мм
Сертификати:	CE compliant / ETL certified
Смущения:	Arsenic (V), Chromium (VI), Copper (II) > 10 mg/L, Iron (III) > 10 mg/L, Sulphide > 2 mg/L, and Vanadium (V), Silica > 60 mg/L. Large amounts of colour and turbidity interfere. Fats, oil, proteins, surfactants and tar.
Тегло:	25 kg
Температура на проба:	10 - 30 °C

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